

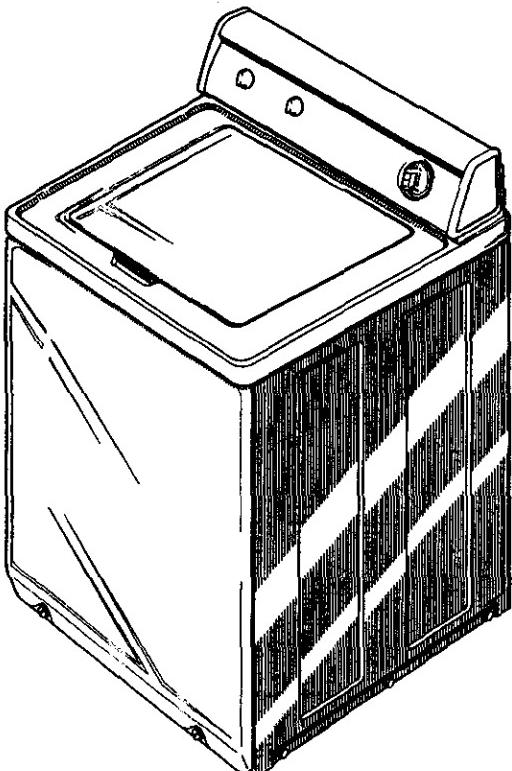
Models and manufacturing
numbers in this manual

LWA50AL	PLWA50AL
LWA50AW	PLWA50AW
LWA65AL	PLWA65AL
LWA65AW	PLWA65AW
LWA90AL	PLWA90AL
LWA90AW	PLWA90AW
LWD67AL	PLWD67AL
LWD67AW	PLWD67AW
LWD70AL	PLWD70AL
LWD70AW	PLWD70AW

Service

Manual for Automatic Washers

Service Manual for
Amana®



W424SE1A

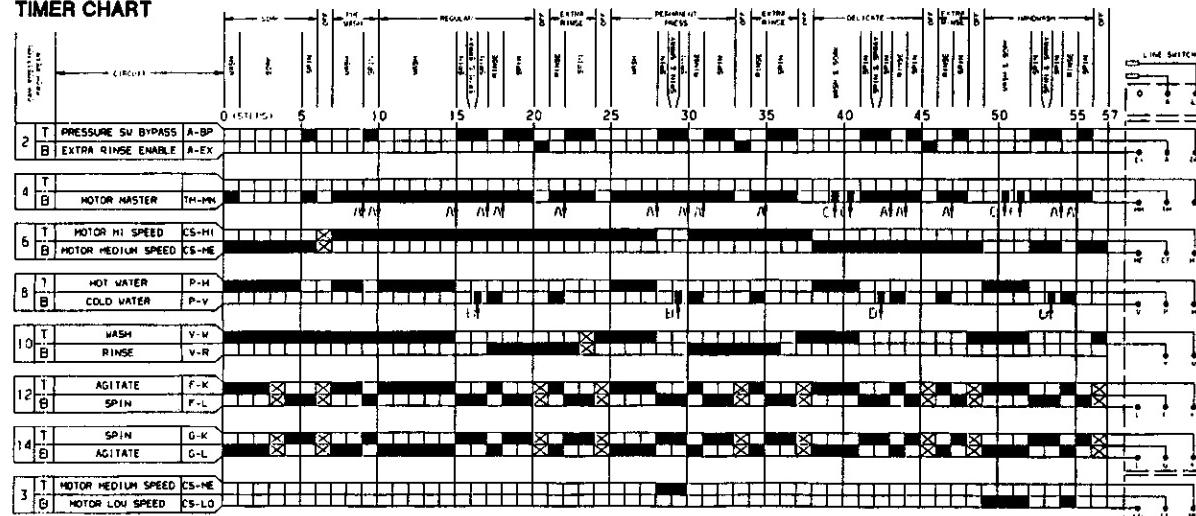
This manual is to be used by qualified appliance
technicians only. Amana does not assume any
responsibility for property damage or personal
injury for improper service procedures done by
an unqualified person.

Amana

RS3100006
Revision 1
39011
April 1999

MODELS LWD70A*

TIMER CHART



KEY
 "A" MOTOR OFF (MOT-OFF) 24 SECONDS
 "B" WATER ON (WATER ON) 24 SECONDS
 "C" MOTOR ON (MOT-ON) 24 SECONDS
 "D" WATER OFF (WATER OFF) 22 SECONDS
 ONE STEP EQUALS APPROX. 160 SEC

	3	2	1
PEST. DRY. CYCLE	OFF	CLOSED	OPEN
LINE	OFF	CLOSED	OPEN
WATER	OFF	CLOSED	OPEN
MOTOR	OFF	CLOSED	OPEN

THIS MACHINE OPERATES UNDER THE FOLLOWING PATENTS:
 UNITED STATES NO. 3,294,174
 3,387,555, 3,401,742
 3,401,743
 3,401,744
 OTHER PATENTS PENDING

□ CONTACT IS OPEN
 ■ CONTACT IS CLOSED
 ☒ CONTACT IS CONSTANTLY OPEN OR CLOSED

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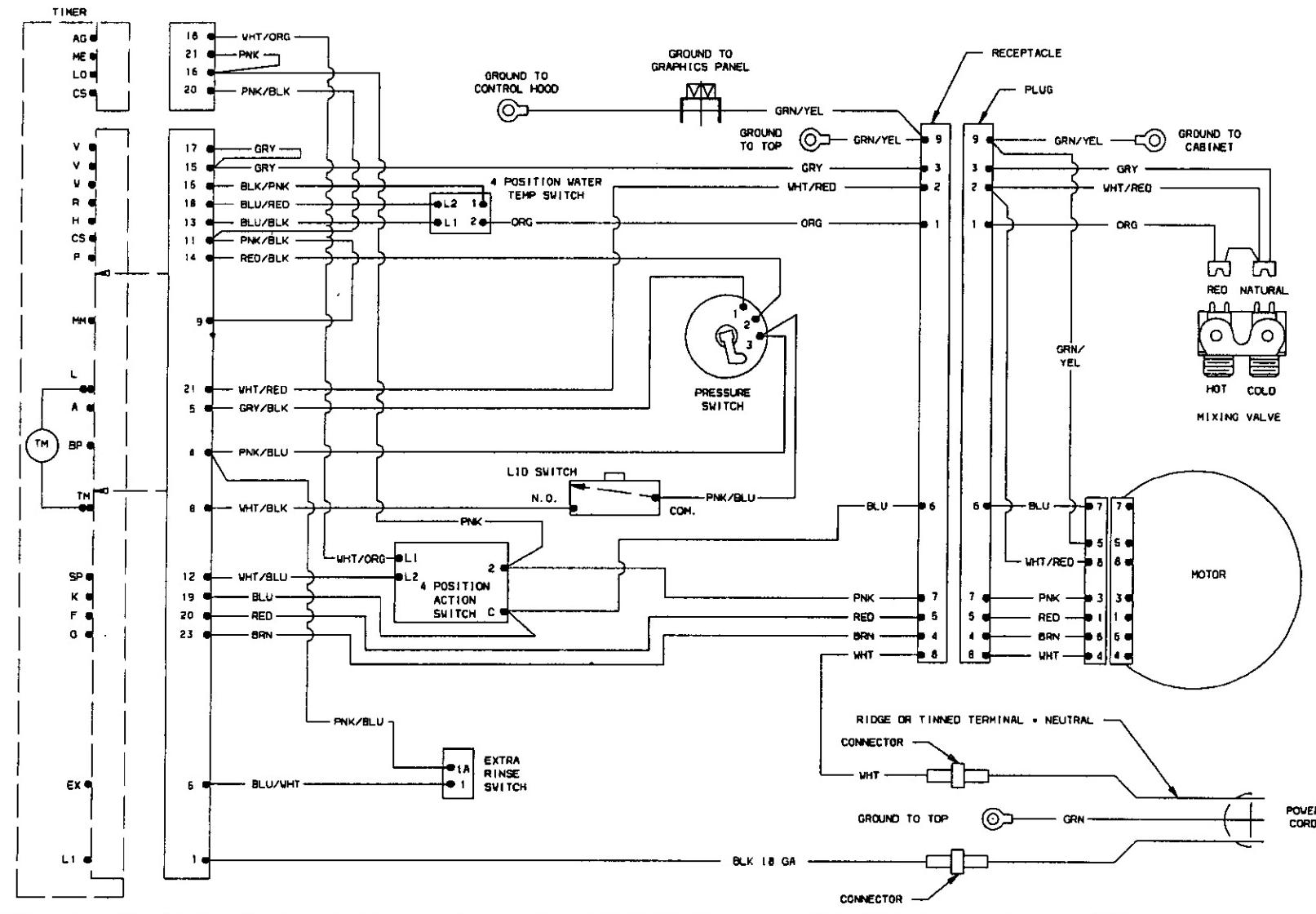
WATER

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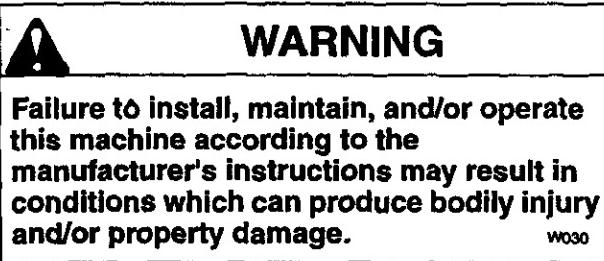
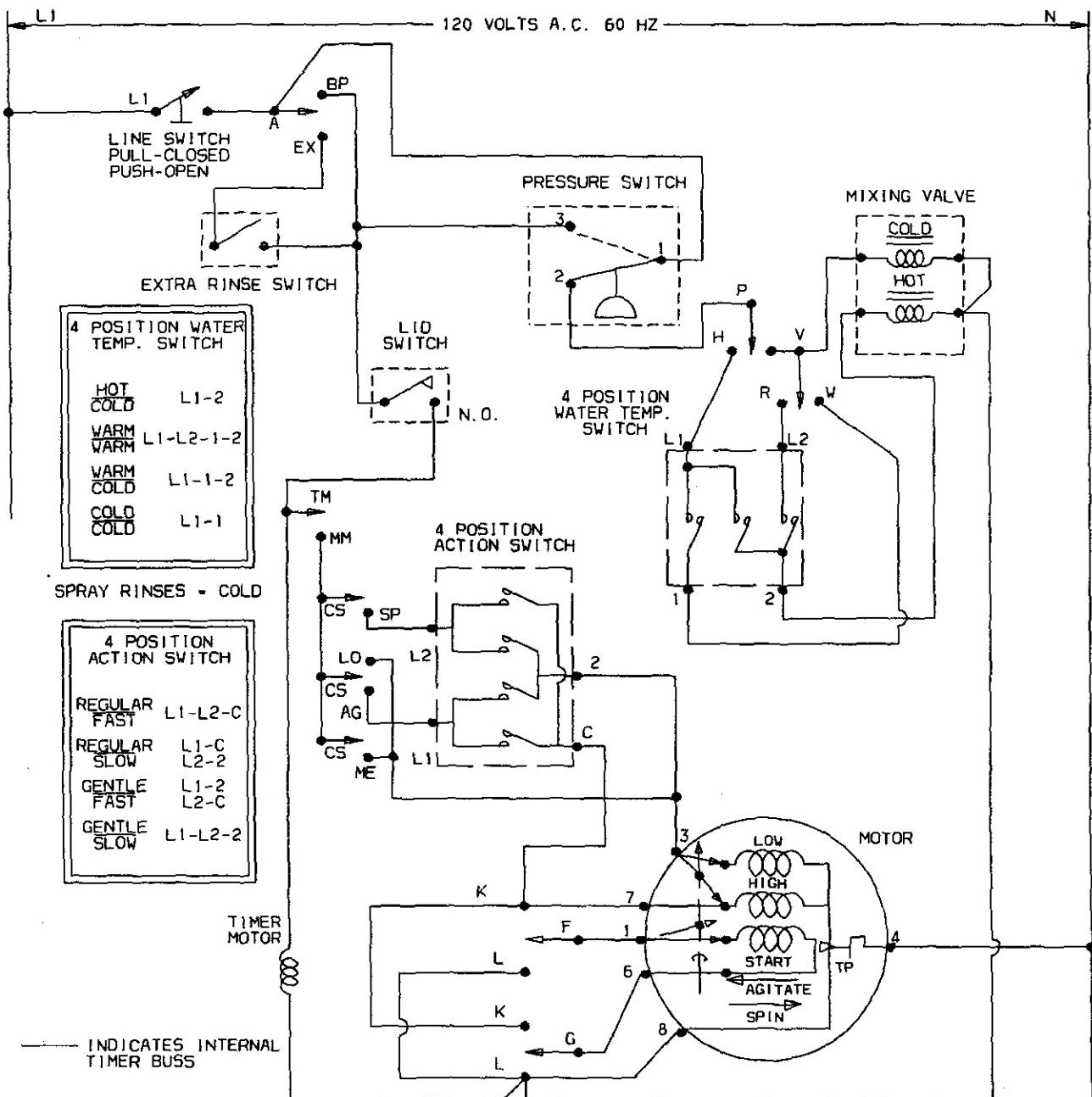
WATER

MODELS LWA65A*, LWD67A*

CONNECTION DIAGRAM



SCHEMATIC



MODELS LWA65A*, LWD67A*

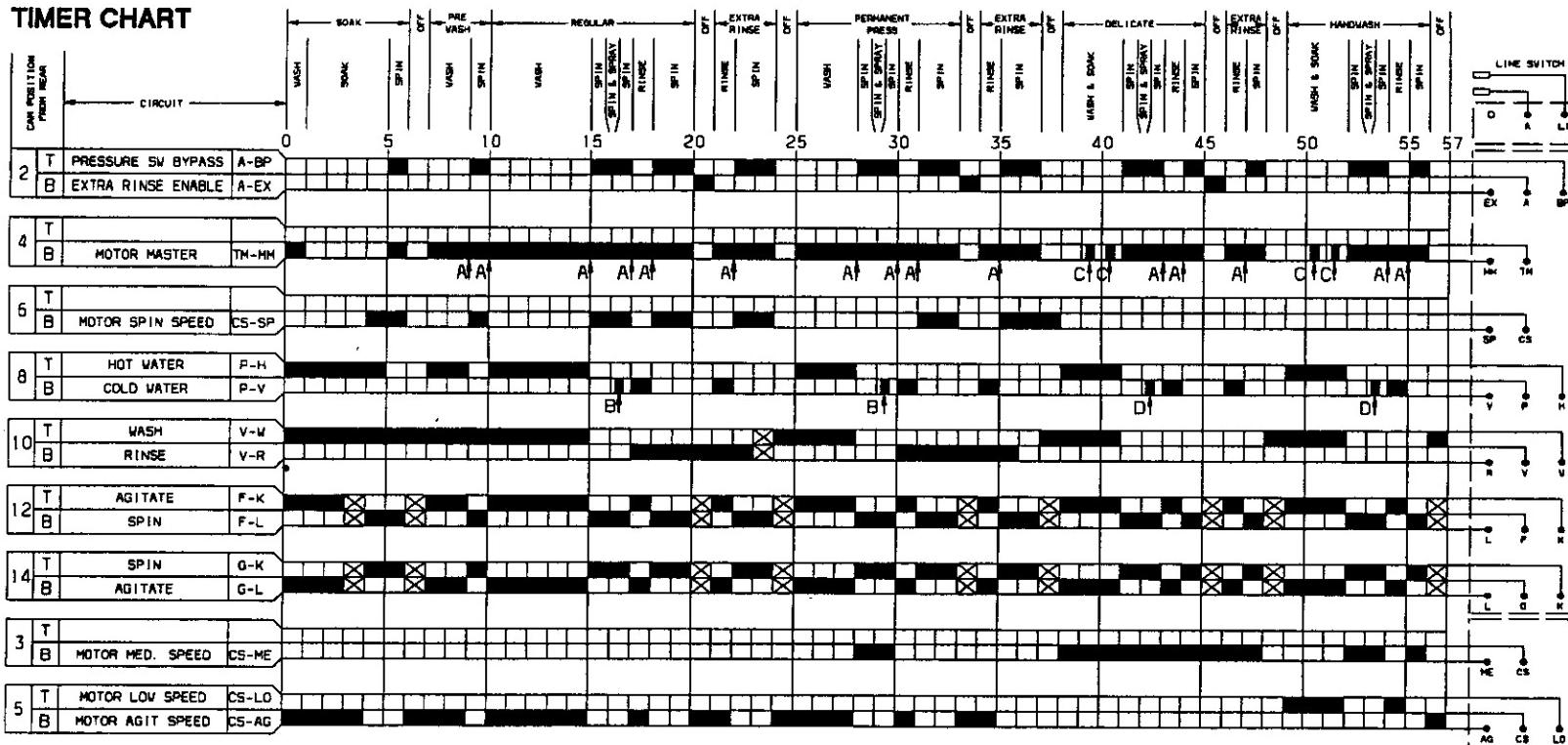
11-11

RS3100006 (39011)
Rev. 0

MODELS LWA65A*, LWD67A*

11-12

TIMER CHART



BLACK HOUSING WIRE POSITION	
3	2
6	5
9	8
12	11
15	14
18	17
21	20
24	23
21	20
16	17

WHITE HOUSING WIRE POSITION	
1	BLK
4	PINK/BLU
7	WHITE/BLK
10	WHITE/BLU
13	WHITE/BLK
16	WHITE/PINK
19	BLU
22	WHITE
19	BLU
14	WHITE/BLK
17	WHITE/RED
20	RED/BLU
23	RED
26	PINK
29	PINK/BLK
15	PINK
18	WHITE/ORG

KEY:
 *-# MOTOR OFF APPROX. 24 SECONDS
 ** WATER ON APPROX. 24 SECONDS
 -- MOTOR ON APPROX. 24 SECONDS
 -- WATER ON APPROX. 22 SECONDS
 ONE STEP EQUALS APPROX. 180 SEC

► WARNING

This machine manufactured
failure to install, maintain,
and operate this machine
according to the manufacturer's
instructions can result in
conditions which can produce
bodily injury and/or property
damage.

Failure to install, maintain,
and operate this machine
according to the manufacturer's
instructions can result in
conditions which can produce
bodily injury and/or property
damage.

UNITED STATES NO. 3,292,974.
CANADA NO. 1,094,642.
PHIL. 816.

OTHER PATENTS PENDING

- CONTACTS OPEN
 - CONTACTS CLOSED
 - CONTACTS CAN BE OPEN OR CLOSED
- NOTE: CS-ME AND CS-LO CONTACTS BOTH CONNECT TO LOW SPEED MOTOR WINDINGS ON THIS MODEL.

PART NO. 39818

Notes

